

REMARKS

Claims 1-17 and 22-26 are cancelled without prejudice; claims 18-21 have been amended and claim 27 has been added. The specification has been amended to recite the relevant priority data and to remove a hyperlink, merely as a matter of formality. No new matter is presented by virtue of the within amendment. For instance, support for new claim 27 appears in former claim 22. Additionally, support for the amended claims may be found throughout the specification and in the original claims of the application.

As an initial matter, Applicants note that initialed copies of three (3) Forms PTO-1449 have not been received to date. Such forms were submitted to the PTO with three (3) Supplemental Information Disclosure Statements filed, respectively, on May 24, 2002, June 18, 2002, and August 29, 2002. Applicants kindly request that such Forms be provided with the next issued PTO paper, to confirm that each of the references cited therein have been duly considered.

Referring now to the Office Action, the drawings were objected to under 37 CFR §1.84. Applicants submit herewith suitable formal drawings. Thus, withdrawal of the objection is requested.

Additionally, the specification was objected to for lacking the relevant priority data on page 1 and for referencing a “hyperlink” on page 33. The specification has been amended to remedy each of these informalities. Thus, withdrawal of the objections is requested.

Claims 18-21 stand rejected under 35 USC §112, second paragraph, for various informalities.

The rejection is traversed, in part. For instance, claim 18 is allegedly rendered indefinite by the term “variable region thereof”. Attention is directed to the specification at page 15, line 13, to page 16, line 17, where the meaning of that term is clearly articulated. Example 4 appearing at page 32 of the present application provides additional relevant disclosure. Thus, it

is submitted that the noted claim is abundantly clear when read in view of the supporting specification as is proper.

It is believed that each of the remaining grounds for rejection has been obviated by the amendments herein. For example, the errant dependency in claim 19 has been corrected. Claims 20-21 have been amended to correct lack of antecedent basis. Thus, reconsideration and withdrawal of the rejections are requested.

It is believed the application is in condition for immediate allowance, which action is earnestly solicited.

Respectfully submitted,

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1/7

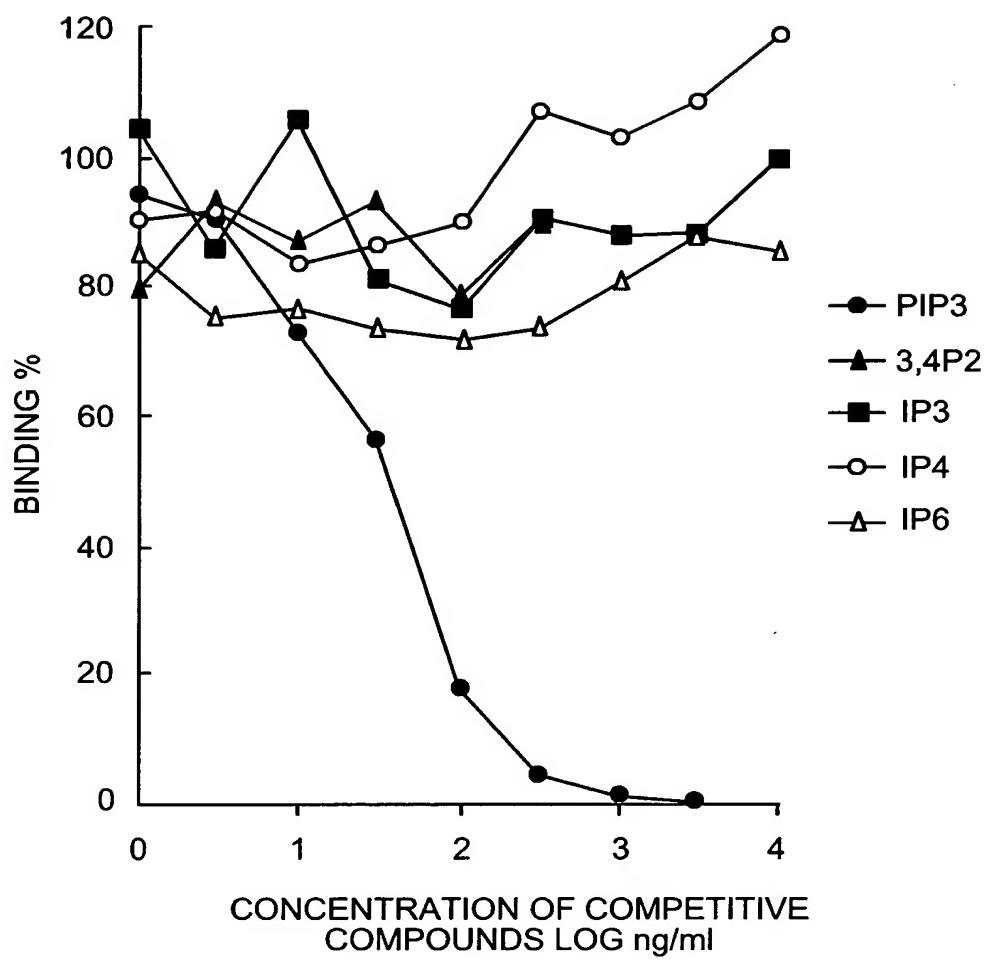


FIG. 1



2/7

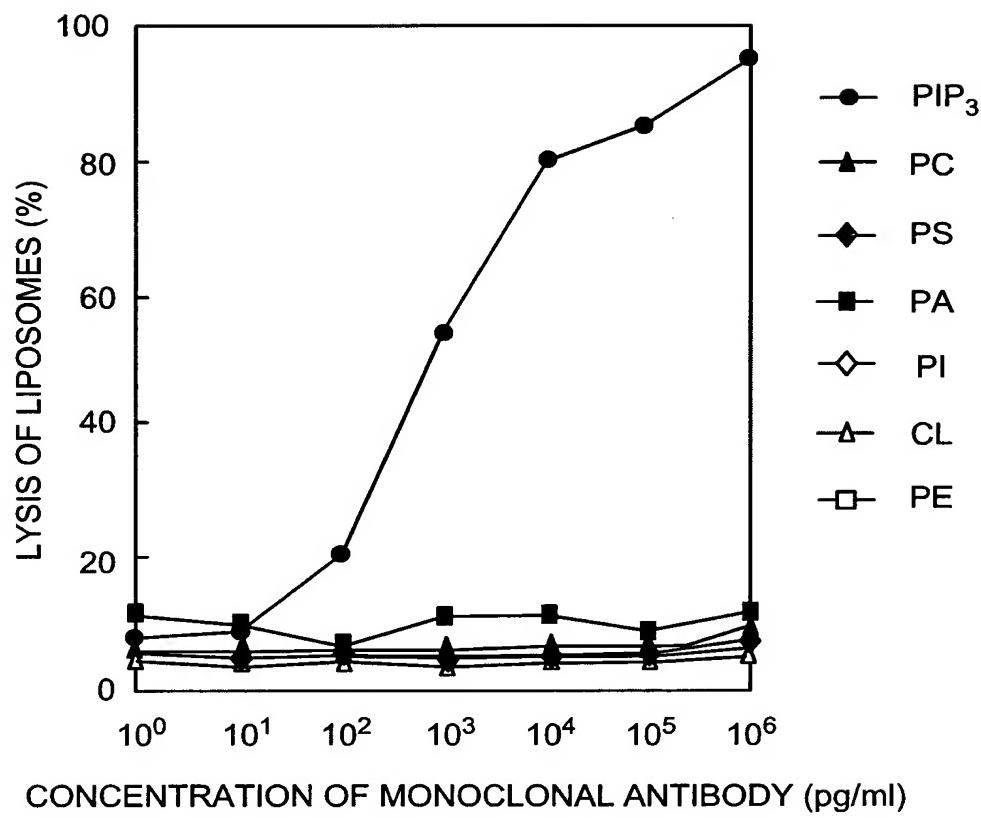


FIG. 2



3/7

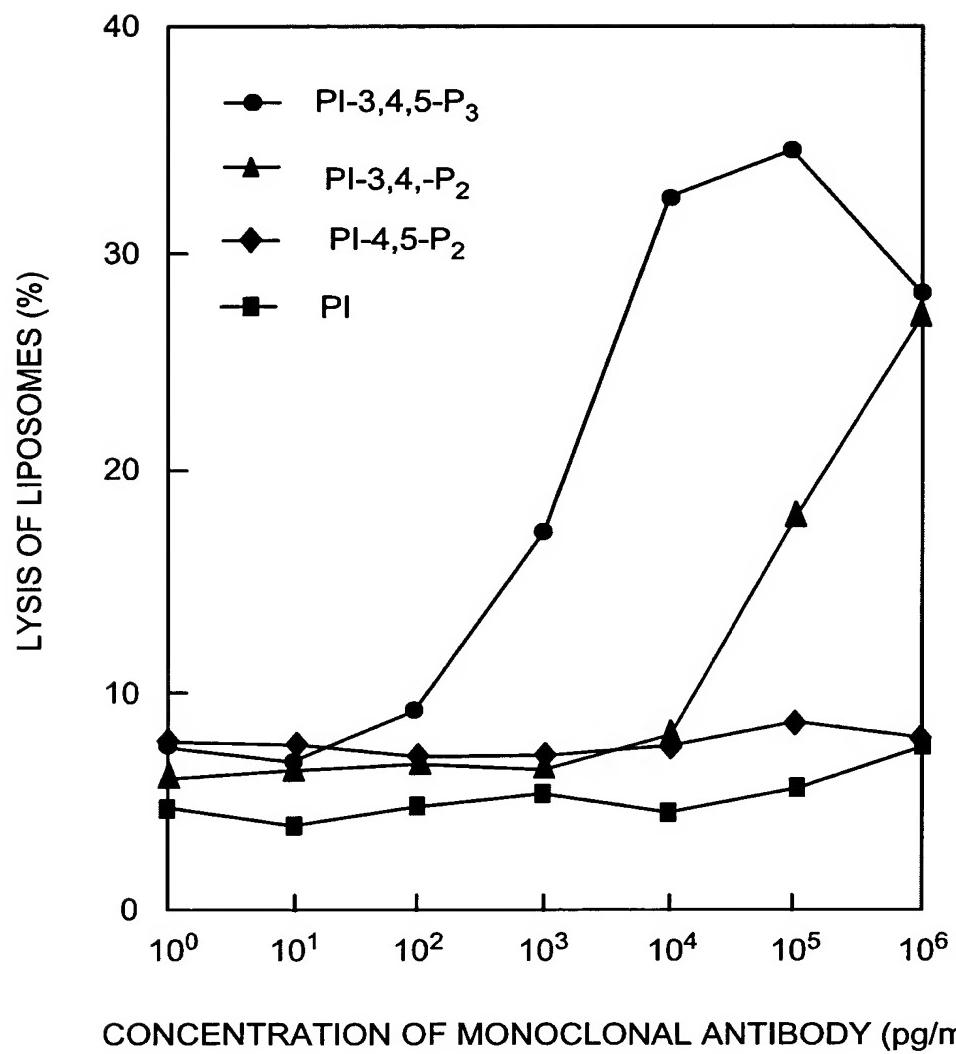


FIG. 3



4/7

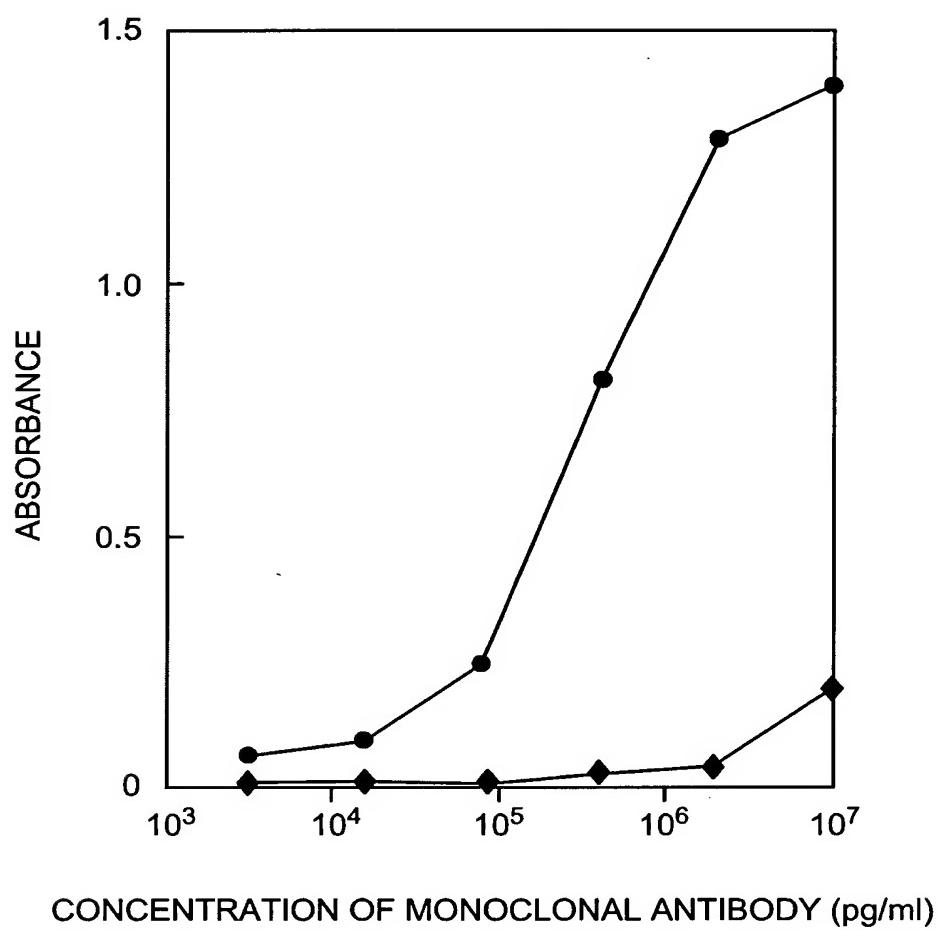


FIG. 4



5/7

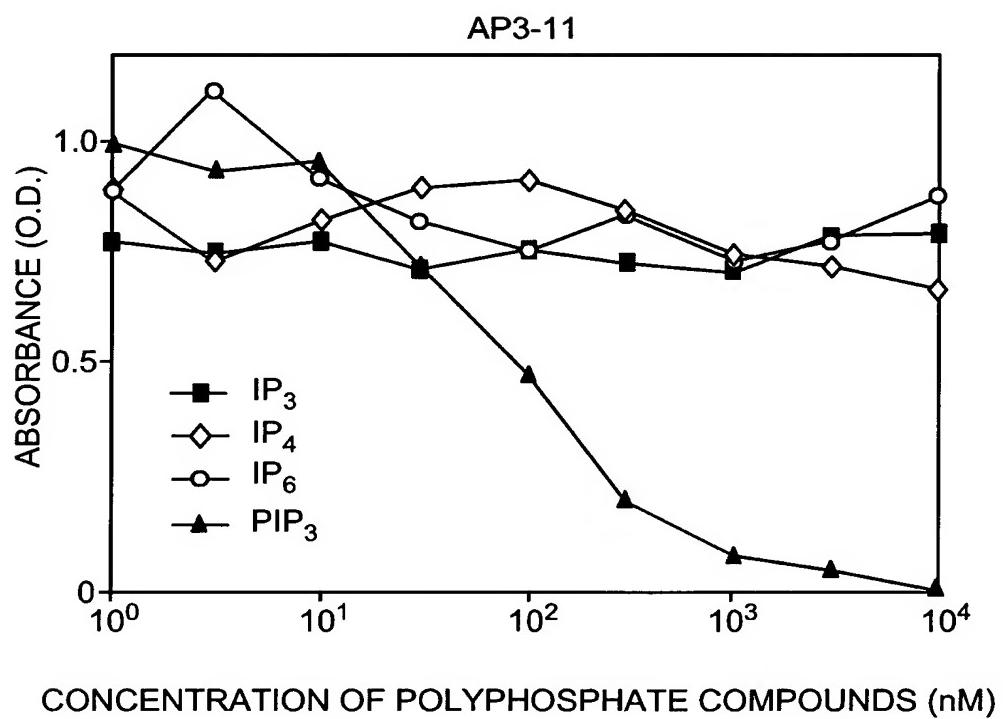
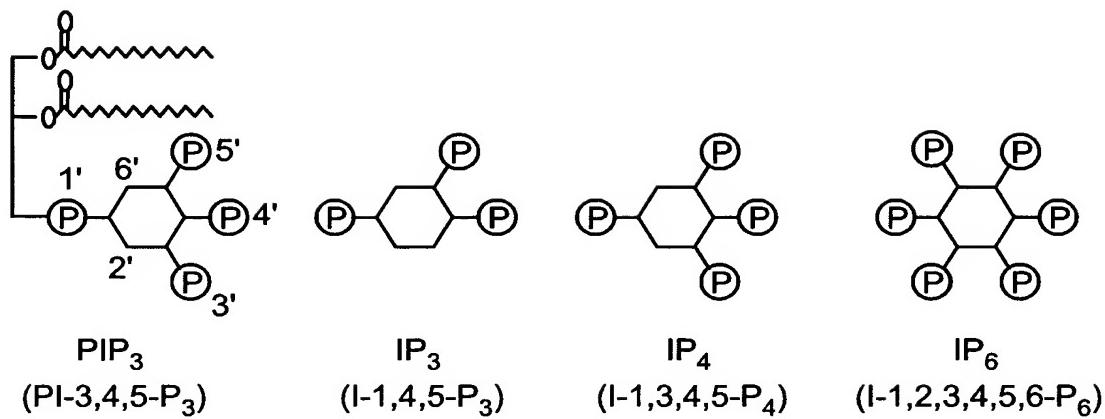


FIG. 5



6/7

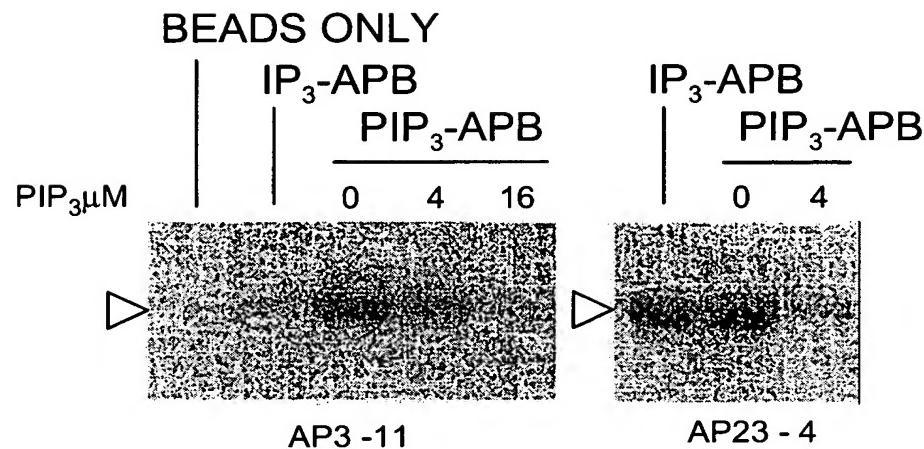


FIG. 6

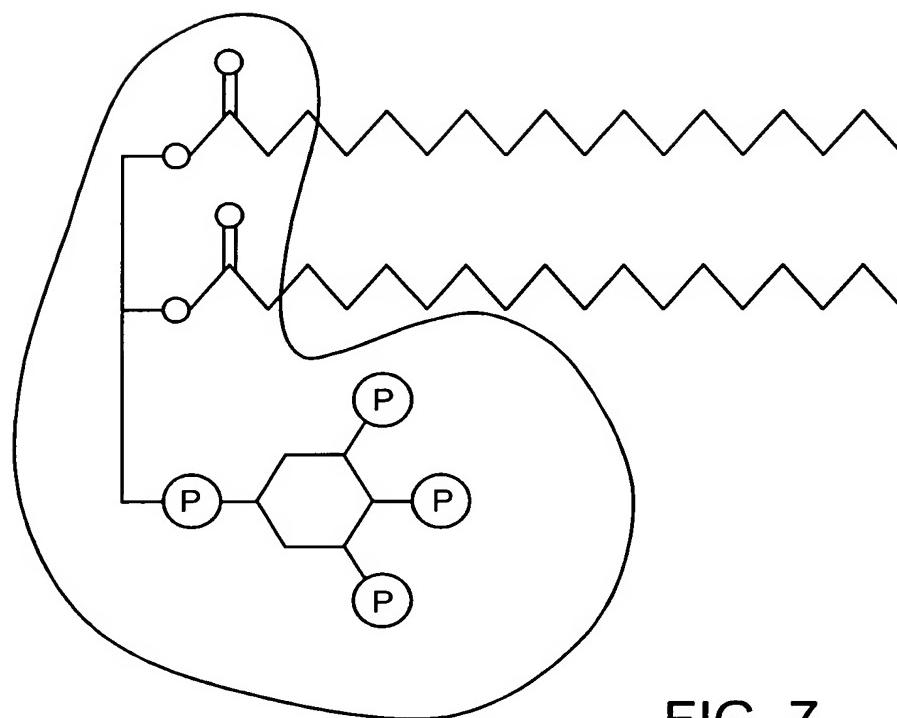
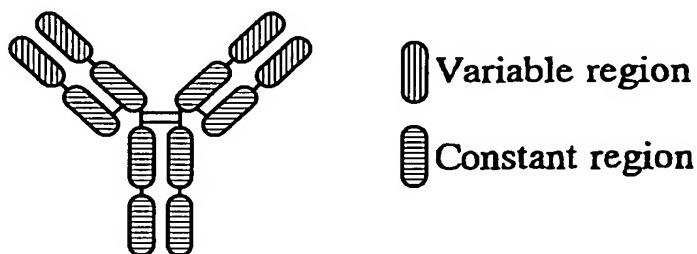


FIG. 7



7/7

Amino acid Sequence of AP3-11 variable regions



Light Chain Variable Region

DIQMTQSPASLSASVGETVTITC **CDR L1** RASENIYSYLP WYQQ

NQGKSPQLLVY **CDR L2** NAKTLTE GVPSRFSGSGSGTQFSLKIN

SLQPEDFGSYYC **CDR L3** QHHYGYTPYT FGGGTTKLEIK

Heavy Chain Variable Region

EVQLQQSGPEVVKTGASVKISCKAS **CDR H1** GYSFTGY YMHWV

KQSHHGKSLEWIGYI **CDR H2** SCYNA ATRYNQKFKGKATFTVDT S

SSTAYMQFNSLTSEDSAVYYCAR **CDR H3** SGAYYRYGVVY WGQ

GTLTVSAATT

FIG. 8